Index of Claims



Application No.

10/699,919

Examiner

Vishu K Mendiratta

Applicant(s)

**BOWLING, STEPHEN** 

Art Unit

3712

| √ | Rejected |
|---|----------|
| = | Allowed  |

\_ (Through numeral) Cancelled

Restricted

N Non-Elected

I Interference

A Appeal
O Objected

| Cla                  | Claim Date |           |              |          | Claim    |          |         | Date    |         |         |          |            |          |                 | Cla      | aim      | Date     |         |         |  |          |               |          |            |          |          |          |           |          |          |          |          |
|----------------------|------------|-----------|--------------|----------|----------|----------|---------|---------|---------|---------|----------|------------|----------|-----------------|----------|----------|----------|---------|---------|--|----------|---------------|----------|------------|----------|----------|----------|-----------|----------|----------|----------|----------|
|                      | Ι          |           |              | Γ        | Ī        |          | Τ       | Т       | Т       |         |          |            |          |                 |          |          |          |         |         | Π  |          |               |          |            |          |          |          |           |          |          |          |          |
| <u>a</u>             | Original   | 9/16/04   |              | 1        |          |          |         |         |         |         |          | <u> </u>   | Original |                 |          |          | - 1      |         |         | 1 1  |          |               | 匢        | Original   |          |          |          |           |          |          | ļ        |          |
| Final                | Ē          | /16       |              | l        |          |          |         |         |         |         |          | Final      | rig      |                 |          |          |          |         |         |  |          |               | Final    | 'n         |          |          |          |           |          |          |          |          |
|                      | 0          | 6         |              | l        |          |          |         |         |         |         |          |            | 0        |                 |          |          |          |         |         |  |          |               |          | 0          |          |          |          |           |          |          |          |          |
|                      | 1          | 1         |              | l        | Т        | 1        | 十       | 1       | $\top$  | $\top$  |          |            | 51       |                 | П        | $\dashv$ | _        | $\neg$  |         |  | $\neg$   |               |          | 101        |          |          |          |           |          | T        | T        |          |
|                      | 2          | 1         |              | T        | T        | 1        | T       |         | $\top$  | $\top$  |          |            | 52       | П               | П        | 寸        | ╅        | 十       |         |  | $\neg$   | · · · · · · · |          | 102        |          | $\top$   |          |           |          |          | T        |          |
|                      | 3          | ΠŢ        |              |          | T        | T        | ┪       | ┪       | $\top$  | $\top$  |          |            | 53       |                 |          | T        | 一        | $\top$  |         |  |          |               |          | 103        |          |          |          |           |          | $\neg$   | $\neg$   |          |
|                      | 4          | Ħ         |              | l        | 1        | 1        | 1       |         | 7       | $\top$  |          |            | 54       |                 |          | T        | $\neg$   | $\neg$  | _       |  |          |               |          | 104        |          |          |          |           |          |          |          |          |
|                      | 5          | П         |              |          | Τ        | T        |         |         |         | T       |          |            | 55       |                 |          | T        | $\neg$   | Ť       |         |  |          |               |          | 105        |          |          |          |           |          |          |          |          |
|                      | 6          | Π         |              |          | Τ        | Т        |         |         |         |         | 190 0 00 |            | 56       |                 |          |          |          |         |         |  |          |               |          | 106        |          |          |          |           |          |          |          |          |
|                      | 7          | П         |              | T        | 1        |          |         |         | Т       |         |          |            | 57       |                 |          |          | Т        |         |         |  |          |               |          | 107        |          |          |          |           |          |          |          |          |
|                      | 8          | П         |              |          | T        |          | Т       | Т       | T       |         |          |            | 58       |                 |          |          |          |         |         |  |          |               |          | 108        |          |          |          |           |          |          |          |          |
|                      | 9          | П         |              |          |          |          |         |         |         |         |          |            | 59       |                 |          |          |          |         |         |  |          |               |          | 109        |          |          |          |           |          | $\perp$  |          |          |
|                      | 10         | П         |              |          | I        |          |         |         |         |         |          |            | 60       |                 |          |          |          |         |         |  |          |               |          | 110        |          |          |          |           |          | $\Box$   | $\perp$  |          |
|                      | 11         |           |              |          |          |          |         |         |         |         |          |            | 61       |                 |          |          |          |         |         |  |          |               |          | 111        |          |          |          |           |          |          | $\perp$  |          |
|                      | 12         | $\prod$   |              |          |          |          |         |         |         |         |          |            | 62       |                 |          |          |          |         |         | $\Box$   |          |               |          | 112        |          |          |          | $\square$ |          | $\bot$   |          |          |
|                      | 13         | $\coprod$ | L            |          |          |          |         |         |         |         |          |            | 63       | $\Box$          |          | $\Box$   |          | $\perp$ |         | $\sqcup$   |          |               |          | 113        |          |          |          | Ш         |          | $\dashv$ | $\dashv$ |          |
|                      | 14         | $\coprod$ |              |          |          |          |         |         |         |         | _        |            | 64       |                 |          |          |          |         |         |  |          |               |          | 114        |          |          | Ш        |           |          | _        | _        |          |
|                      | 15         |           |              |          |          | <u>.</u> |         | $\perp$ |         |         | _        |            | 65       |                 |          |          |          |         | $\perp$ | Ш  |          |               |          | 115        |          |          |          | Ш         |          |          |          |          |
|                      | 16         | Ш         |              |          |          | L        |         |         |         |         |          |            | 66       |                 |          | $\perp$  | $\perp$  | $\perp$ |         | Ш  | _        |               |          | 116        |          | 1_       | <u> </u> |           |          | $\dashv$ | $\dashv$ | _        |
|                      | 17         | Ш         | $\Box$       |          |          | L        | $\perp$ | 1       | 1       | $\perp$ | 4        |            | 67       | $\sqcup$        |          | $\dashv$ | $\perp$  | $\perp$ | $\bot$  | $\sqcup$   |          |               |          | 117        |          | 1        | <u> </u> |           |          | $\dashv$ | $\dashv$ | _        |
|                      | 18         | Ш         |              | <u> </u> |          | _        |         |         | $\perp$ |         | _        |            | 68       |                 |          |          | $\perp$  | $\perp$ | 丄       | $\sqcup$   | _        |               |          | 118        |          | ┸        |          |           | _        | _        | $\dashv$ |          |
|                      | 19         | 1         |              | _        | L        |          | ┸       |         | ┸       | ┵       | _        |            | 69       |                 |          | $\perp$  | $\perp$  |         | $\perp$ | Ш  |          |               |          | 119        |          | <u> </u> |          |           |          | _        | _        |          |
|                      | 20         | 1         |              |          | ┖        | 1        | $\perp$ | $\perp$ |         | $\perp$ | _        |            | 70       |                 |          |          | $\perp$  |         | _       | 11   | _        |               |          | 120        |          | _        | _        |           |          | $\dashv$ | $\dashv$ |          |
|                      | 21         |           |              |          | <u>L</u> |          |         | ┸       |         |         |          |            | 71       |                 |          |          |          |         | $\perp$ | Ш  |          |               |          | 121        |          |          |          |           |          | 4        | $\dashv$ |          |
|                      | 22         |           |              | <u> </u> | L        |          |         | $\perp$ | $\perp$ |         |          |            | 72       |                 |          | _        | $\perp$  | $\perp$ |         | Ш  |          |               |          | 122        |          |          |          |           |          | $\dashv$ | $\dashv$ |          |
|                      | 23         |           | _            | <u> </u> | _        |          |         | ┸       | $\perp$ | ┵       | _        |            | 73       |                 |          |          | _        |         | 4       | Ш  | _        |               |          | 123        |          | _        |          | L         | $\dashv$ | _        | $\dashv$ |          |
|                      | 24         |           |              | <u> </u> | L        |          |         |         |         | _ _     |          |            | 74       |                 |          | _        | $\perp$  | 4       |         | Ш  | _        |               |          | 124<br>125 |          | $\perp$  |          |           | _        | _        | 4        |          |
|                      | 25         |           | _            | L        | 1_       | 1_       | _       | ┸       | $\perp$ | _       |          |            | 75       |                 | _        | _        | $\perp$  |         |         |  | _        |               |          | 125        |          | _        |          |           | _        | $\dashv$ | $\dashv$ |          |
|                      | 26         |           |              |          | ┺        | ┸        | _       | ┸       | $\perp$ | _       | _        |            | 76       |                 |          | _        | _        |         | _       | $\sqcup$   |          |               |          | 126        |          | 1_       | _        |           | _        | 4        | _        | _        |
|                      | 27         |           | _            | <u> </u> | ┸        | ┸        | $\perp$ | ┸       | $\perp$ |         | _        |            | 77       |                 |          | _        | _        | _       | _       | $\sqcup$   | _        |               |          | 127        |          | ↓        | _        |           |          | 4        | 4        | 4        |
|                      | 28         |           | <u>L</u>     | <u> </u> | ┺        |          | ┶       | ┸       | 1       | $\perp$ | 4        |            | 78       |                 |          | _        | 4        | 4       | _       | Ш  | 4        |               |          | 128        |          | _        | _        |           | _        |          | $\dashv$ |          |
|                      | 29         | Щ.        |              |          | ┺        | 1        | ┸       | _       | _       | $\perp$ | _        | <u> </u>   | 79       |                 |          | _        | 4        |         | _       | $\sqcup$   | _        |               |          | 129        |          | ↓_       | _        | Ш         | _        | $\dashv$ | $\dashv$ | _        |
|                      | 30         |           |              | L        | 1        | ┺        | $\bot$  | _       | - -     | _ -     | _        | L          | 80       |                 |          | 4        | _        | _       | 4       | ш  | _        |               |          | 130        |          | _        | _        |           |          | $\dashv$ | $\dashv$ | _        |
| $oxed{oxed}$         | 31         |           |              | ┡        | ↓        | ╄        | $\bot$  | $\bot$  | -       | 4       |          |            | 81       | Ш               |          | $\perp$  | 4        | _       | 4_      | $\sqcup$   | _        |               |          | 131        |          | ╄        |          |           |          | $\dashv$ | +        | _        |
|                      | 32         |           | <u> </u>     | $\vdash$ | $\vdash$ | $\perp$  | $\perp$ | $\perp$ | _       | -       | -        | <u> </u>   | 82       |                 | $\perp$  | _        | _        | _ _     | -       |  | _        |               |          | 132        | +        | $\vdash$ | $\vdash$ |           | _        | $\dashv$ | $\dashv$ | _        |
| <u> </u>             | 33         |           | <del> </del> | <u> </u> | ╀        | +        | -       | +       |         | +       |          |            | 83       |                 | $\dashv$ | -        | +        | +       | +       | $\vdash$   | _        |               |          | 133        | +        | $\vdash$ | $\vdash$ |           | $\dashv$ |          | $\dashv$ |          |
| <u> </u>             | 34         |           | $\vdash$     | ┡        | ┼        | +        | +       | +       | +       | - -     | -        |            | 84       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +       | +       | ╁┼   |          |               |          | 134        |          | -        | -        | $\dashv$  | $\dashv$ | $\dashv$ |          | $\dashv$ |
| <b></b>              | 35         |           | 1            | $\vdash$ | -        | +        | +       | +       | +       | +       | -        | <u> </u>   | 85       | $\vdash \vdash$ | $\dashv$ | +        |          |         | —       | <del>                                     </del> |          | ŀ             | -        | 135        | +        | ╀        | $\vdash$ |           | $\dashv$ | $\dashv$ | +        | -        |
|                      | 36         |           | <b> </b>     | -        | ├        | +-       | +       | +       | +       | +       | -        |            | 86       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | -        | -       |         | $\vdash$   | _        | -             |          | 136        | +        | ₽        |          | $\vdash$  | $\dashv$ | $\dashv$ | -        |          |
|                      | 37         |           | $\vdash$     | L        | $\vdash$ | ╀        | +       | +       | +       | -       | 4        |            | 87       | $\vdash$        | _        | $\dashv$ | +        | +       |         | ₩  |          | -             |          | 137        | -        | <b>⊹</b> | $\vdash$ | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | -        |
|                      | 38         |           |              | -        | $\vdash$ | +        | +       | +       | +       | +       | 4        | <b> </b> - | 88       | $\vdash$        | _        |          | -        | -       |         | $\vdash$   |          |               | $\dashv$ | 138<br>139 | -        | -        | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$ | $\dashv$ |          |
| $\vdash$             | 39         |           |              | -        | ╀        | +        | +       | +       | +       | +       | -        | <b> </b>   | 89       | $\vdash \vdash$ | $\dashv$ | +        | +        | +       | -       | ╁┼   | $\dashv$ | ŀ             | -        | 139        | $\dashv$ | -        | Н        | -         | $\dashv$ | +        | +        |          |
|                      | 40         |           |              | $\vdash$ | +        | +        | +       | +       | +       | +       | 4        |            | 90       |                 |          | +        | $\dashv$ | +       |         |  |          |               |          | 141        | +        | ╆        |          | -         | $\dashv$ | $\dashv$ | $\dashv$ | _        |
|                      | 41         |           | -            | $\vdash$ | +        | +        | +       | +       | +       | +       | -        | <b></b>    | 91<br>92 |                 | $\dashv$ | +        | +        | +       | +       | +  |          |               |          | 141        | +        | ┢        | H        |           | $\dashv$ | $\dashv$ | $\dashv$ |          |
|                      | 42         |           | -            | _        | ╁—       | ╀        |         | +       |         | - -     | -        | <u> </u>   |          | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +       | +       | $\vdash$   |          | ŀ             |          | 143        |          | +        | Н        |           | $\dashv$ | $\dashv$ | +        | -        |
| $\vdash\vdash\vdash$ | 43<br>44   |           | -            | -        | +        | ╀        | +-      | +       | +       | +       | -        |            | 93<br>94 | $\vdash$        | $\dashv$ | +        | +        | -       | -       | $\vdash$   | -        | ŀ             |          | 144        | $\dashv$ | +        | Н        |           | -        | $\dashv$ | +        | -        |
| $\vdash\vdash\vdash$ | 44         |           | $\vdash$     | -        | $\vdash$ | ╁        | +       | +       | +       | +       | 4        | <u> </u>   | 95       | $\vdash \vdash$ | $\dashv$ | $\dashv$ | +        | +       | +       | ╂┈╂  | $\dashv$ | ŀ             |          | 145        |          | +        |          | -         | $\dashv$ | $\dashv$ | +        | _        |
|                      |            | _         | $\vdash$     | $\vdash$ | $\vdash$ | +        | +-      | +-      | +       |         |          | <b> </b>   | 96       | $\vdash$        | $\dashv$ | +        | +        | +       | +       | $\vdash$   | $\dashv$ | ŀ             |          | 146        | $\dashv$ | +        | Н        | -1        | $\dashv$ | $\dashv$ | +        |          |
| <u> </u>             | 46<br>47   | _         | -            | -        | $\vdash$ | +        | +       | +       | +       | +       | -        | <b>—</b>   | 97       | -               | $\dashv$ | +        | +        | +       | +       | +  | $\dashv$ | ŀ             |          | 147        |          | +        | $\vdash$ | -         | $\dashv$ | $\dashv$ | $\dashv$ | -        |
| $\vdash \vdash$      | 48         | _         | <del> </del> | -        | $\vdash$ | +        | +-      | +-      | +       | +       | -        |            | 98       | ⊣               | $\dashv$ | $\dashv$ | +        | -       | +       | <del>                                     </del> | $\dashv$ | ŀ             |          | 148        | +        | +        | $\vdash$ |           | $\dashv$ | $\dashv$ | +        |          |
|                      | 48         |           | ├—           |          | $\vdash$ | +        | +       | +       | +       | +       |          |            | 99       | -               | $\dashv$ | +        | +        | +       |         | <del>                                     </del> | $\dashv$ | H             |          | 149        | +        | +-       | $\vdash$ |           |          | -        |          |          |
|                      | 50         |           | -            | $\vdash$ | $\vdash$ | +        | +       | +       | +       | +       | -        |            | 100      | $\vdash$        | $\dashv$ | $\dashv$ | +        | ╁       |         | $\vdash$   | $\dashv$ | ŀ             |          | 150        | - -      | +-       | $\vdash$ | $\vdash$  | $\dashv$ | $\dashv$ | +        | ᅱ        |
|                      | อบ         |           | <u> </u>     | <u> </u> | 1        | 1        |         |         |         |         | _        |            | 100      | ш               |          | L        |          |         |         | $\perp \perp$                                    |          |               |          | 100        |          |          |          |           |          |          |          |          |